

United States Patent [19]

Beattie et al.

[11] 4,150,156

[45] Apr. 17, 1979

[54] 7-(SUBSTITUTED
METHYL)-3-(SUBSTITUTED
THIO)-CEPHALOSPORINS, DERIVATIVES
AND PHARMACEUTICAL COMPOSITIONS
CONTAINING THEM

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[21] Appl. No.: 903,455

[22] Filed: May 8, 1978

Related U.S. Application Data

[63] Continuation of Ser. No. 634,293, Nov. 21, 1975,
abandoned.

[51] Int. Cl.² A61K 31/545; C07D 501/00

[52] U.S. Cl. 424/246; 544/17;
544/21; 544/22; 544/26; 544/27; 544/29;
544/90; 544/282; 424/248.53; 424/251;
424/244; 260/239 A; 260/332.2 H

[58] Field of Search 544/17, 21, 22, 26,
544/27, 29; 424/246

[56]

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[57]

ABSTRACT

Disclosed are antibiotic 3-(substituted thio)-7-(substituted methyl) cephalosporins, derivatives and analogues thereof; wherein the methyl substituent is, inter alia, hydroxyl, ketonic oxygen, imino nitrogen, amino or mercapto. Also disclosed are processes for the preparation of such compounds and their pharmaceutically acceptable salt, ester and amide derivatives; pharmaceutical compositions comprising such compounds; and methods of treatment comprising administering such compounds and compositions when an antibiotic effect is indicated.

6 Claims, No Drawings